

**Work Order ID 69067**

Wednesday, April 27, 2011 2:34:20 PM



Page 1

Item ID: D350-607-043

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Basket

Start Date: 4/27/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/13/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: CMF Date: 11-04-27 Tooling:

Date:

Run Start



QC: Date: SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D350-607-1	A

100

0.00



DOCUMENT CONTROL

DC

0.00

Document Control

Memo

Photocopy bluefile & type labels per PPPD350-607-043 CHG005  
PRINT DWG PAGE: 41/42 OF 1628/11/05/05CL 11-5-5

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

JB11/05/04

120

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

Assemble as per Dwg D350-607  
Seal Support Gusset with Sikaflex -291Batch: 1116945Exp Date: 12/01/15EP 11/05/05

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 69067**

Wednesday, April 27, 2011 2:34:20 PM



Page 2

Item ID: D350-607-043

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Basket

Start Date: 4/27/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/13/2011 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130  QC Quality Control	QC5- Inspect part completeness to step on W/O  Memo	0.00 0.00							
140  Packaging Packaging	Pick Kit  Memo	0.00 0.00							
150  QC Quality Control	QC4- 100% Inspect kits for completeness  Memo	0.00 0.00							

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 69067**

Wednesday, April 27, 2011 2:34:20 PM



Page 3

Item ID: D350-607-043

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Basket

Start Date: 4/27/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/13/2011 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160 	Packaging	0.00							
Packaging	<b>Memo</b>	0.00							
Packaging	Identify and pack for shipping as per PPP D350-607-043 Location: _____								
170 	QC21- Final Inspection - Work Order Release	0.00							
QC	<b>Memo</b>	0.00							
Quality Control									

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Wednesday, April 27, 2011 2:34:16 PM

Page 1

Work Order ID: 69067

Parent Item: D350-607-043

Parent Item Name: Heli-Utility-Basket






Start Date: 4/27/2011

Required Date: 5/13/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:E as Per DSI9318 06-01-24 JLM  
 IPP Rev:F ECN1068 07-12-21 DD verified by:ec IPP rev:G as  
 per ecn10-545 DD 10.04.19 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2728-3  Dart Logo label		Manufactured	No			110	Each	0.0000	2	2			
D350-607-241  Basket Clamp Assembly	CH6001	Manufactured	No			140	Each	2.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG022		2							
				67712		2							
D2022-101  Spacer		Manufactured	No			110	Each	17.0000	5	5			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST504		17							
				66939		17							
D2221  350 Basket Base		Manufactured	No			110	Each	0.0000	1	1			
D2258-200  Placard 200lb		Manufactured	No			110	Each	5.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST505		5							
				64284		5							

115050 JB

67712  
5

66939

B69068 (IX)

EPB 11/05/05

JB 11/05/04

64284

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Wednesday, April 27, 2011 2:34:16 PM

Page 2

Work Order ID: 69067

Parent Item: D350-607-043

Parent Item Name: Heli-Utility-Basket

Start Date: 4/27/2011

Required Date: 5/13/2011

Start Qty: 1.00

Required Qty: 1.00

D2332-041 Manufactured No

110 Each

3.0000

1

1

✓



Lid Prop Assembly 6.69" long

Location

Loc Qty

Loc Code

ST512

3

66233

3

66233

D2530 Manufactured No

110 Each

14.0000

1

1

✓



Handle Weldment

Location

Loc Qty

Loc Code

ST506

14

66563

8

68363

6

66563

D2535 Manufactured No

110 Each

53.0000

2

2

✓



Spring

Location

Loc Qty

Loc Code

ST504

53

66764

53

66764

D2537 Manufactured No

110 Each

46.0000

2

2

✓



Bushing

Location

Loc Qty

Loc Code

ST504

46

65077

4

66972

42

65077

JB 11/05/04

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Wednesday, April 27, 2011 2:34:16 PM

Work Order ID: 69067

Parent Item: D350-607-043

Parent Item Name: Heli-Utility-Basket

Start Date: 4/27/2011

Required Date: 5/13/2011

Start Qty: 1.00

Required Qty: 1.00

D2931  
Bumper

Manufactured No

110 Each 682.0000 2

2 ✓

JB

Location	Loc Qty	Loc Code
ST504	682	
46064	682	

46064

D2989-041  
Basket Lid Assembly

Manufactured No

110 Each 0.0000 1

1

B69069 (12)

EP 5/11/05/05

D2989-043  
Basket Lid Assembly

Manufactured No

110 Each 0.0000 1

1

B69070 (12)

EP 5/11/05/05

AN3-16A  
Bolt

Purchased No

110 Each 163.0000 2

2

JB

Location	Loc Qty	Loc Code
ST352	163	
114752	13	
116419	50	
117441	100	

114752

AN4-13A  
Bolt

Purchased No

110 Each 327.0000 2

2

JB 11/05/04

Location	Loc Qty	Loc Code
ST357	327	
117313	327	

117313

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Wednesday, April 27, 2011 2:34:17 PM

Page 4

Work Order ID: 69067

Parent Item: D350-607-043

Parent Item Name: Heli-Utility-Basket

Start Date: 4/27/2011

Required Date: 5/13/2011

Start Qty: 1.00

Required Qty: 1.00

AN4-22A Purchased No

Bolt

110 Each 262.0000 7 7 ✓

Location	Loc Qty	Loc Code
ST359	262	
114523	12	
114784	100	
116419	50	
117313	100	

~~114523 X 06~~  
~~114784 X 06~~ 1114785

AN5-17A Purchased No

Bolt

110 Each 86.0000 4 4 ✓

Location	Loc Qty	Loc Code
ST339	86	
116590	56	
117313	30	

116590

MS20600-AD4W3 Purchased No

Cherry Rivets

110 Each 1,199.000 2 2 ✓

Location	Loc Qty	Loc Code
ST321	874	
111636	374	
117505	500	
WA018	325	
107939	325	

111636

AN960JD416 NAS1149D0463J Purchased No

Washer

110 Each 0.0000 14 14 ✓

117291 JB 11/05/04

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Wednesday, April 27, 2011 2:34:17 PM

Page 5

Work Order ID: 69067

Parent Item: D350-607-043

Parent Item Name: Heli-Utility-Basket

Start Date: 4/27/2011

Required Date: 5/13/2011

Start Qty: 1.00

Required Qty: 1.00

AN960JD416L NAS1149D0416J Purchased

No

110

Each

3.0000

2

2



✓ 11/4/03  
114277 JB

Washer

Location

Loc Qty

Loc Code

FP-B

3

110153

3

AN960JD516 NAS1149D0563J Purchased

No

110

Each

0.0000

4

4



117291 JB

Washer

AN960JD8 NAS1149DN832J Purchased

No

110

Each

0.0000

2

2



✓ 117314 JB

Washer

NAS1515H4 Purchased

No

110

Each

140.0000

2

2



✓ 116169 JB

Washer

Location

Loc Qty

Loc Code

ST277

140

111525

40

116169

50

117460

50

AN970-4 Purchased

No

110

Each

107.0000

4

4



✓ 116900 JB 11/05/04

Washer

Location

Loc Qty

Loc Code

ST344

14

115936

14

ST349

93

116900

43

117317

50

116900

Wednesday, April 27, 2011 2:34:17 PM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Wednesday, April 27, 2011 2:34:17 PM

Work Order ID: 69067

Parent Item: D350-607-043

Parent Item Name: Heli-Utility-Basket

Start Date: 4/27/2011

Required Date: 5/13/2011

Start Qty: 1.00

Required Qty: 1.00

MS21042L3  
  
 Nut

Purchased No

110 Each

2,282.000

2

2

✓



*JB*

Location

Loc Qty

Loc Code

ST300

2282

116391

19

116540

691

116549

772

117441

800

116540

MS21042L4  
  
 Nut

Purchased No

110 Each

4,958.000

9

9

✓



*JB*

Location

Loc Qty

Loc Code

ST300

4958

116823

1958

117441

3000

116823

MS21042L5  
  
 Nut

Purchased No

110 Each

1,179.000

4

4

✓



*JB 11/05/04*

Location

Loc Qty

Loc Code

ST300

1179

116105

419

116548

260

117441

500

116105

**Dart Aerospace Ltd**

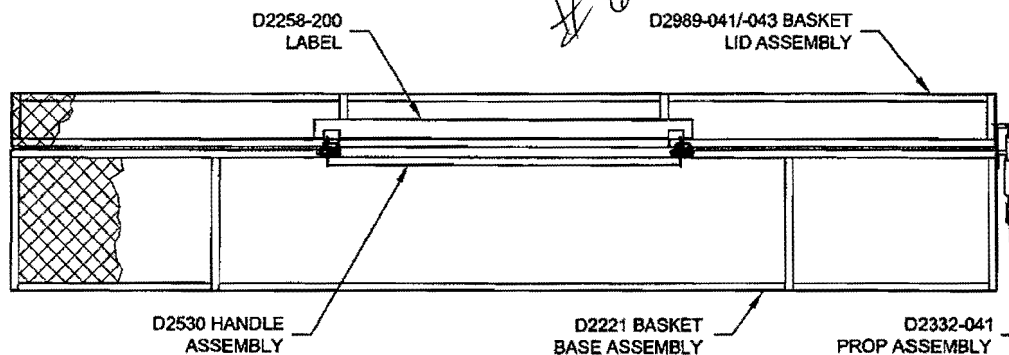
W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

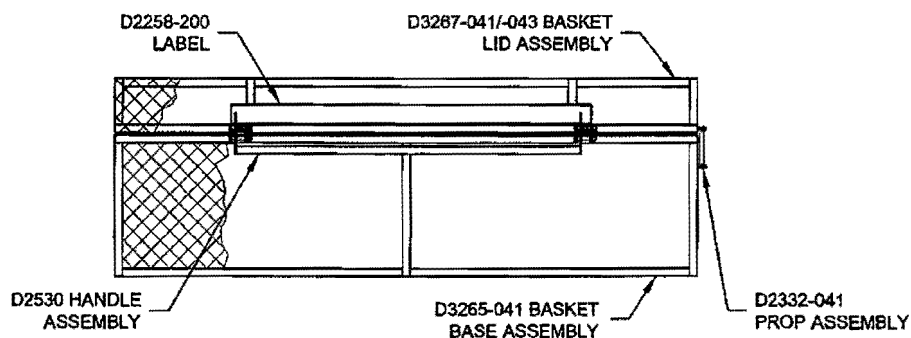
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

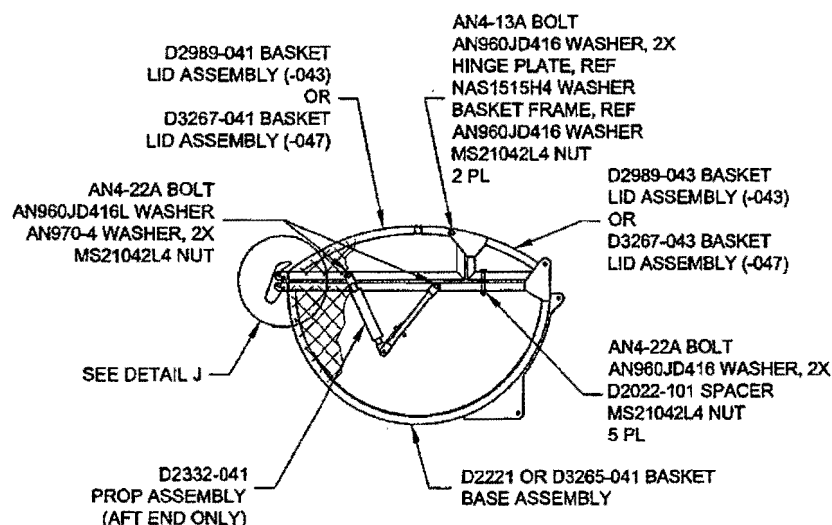
**NOTE:** Date & initial all entries



**D350-607-043 HELI-UTILITY- BASKET™**



**D350-607-047 HELI-UTILITY- BASKET™**



**VIEW C-C  
PROP ARM DETAIL**

**Figure 6— Basket Replacement Parts**

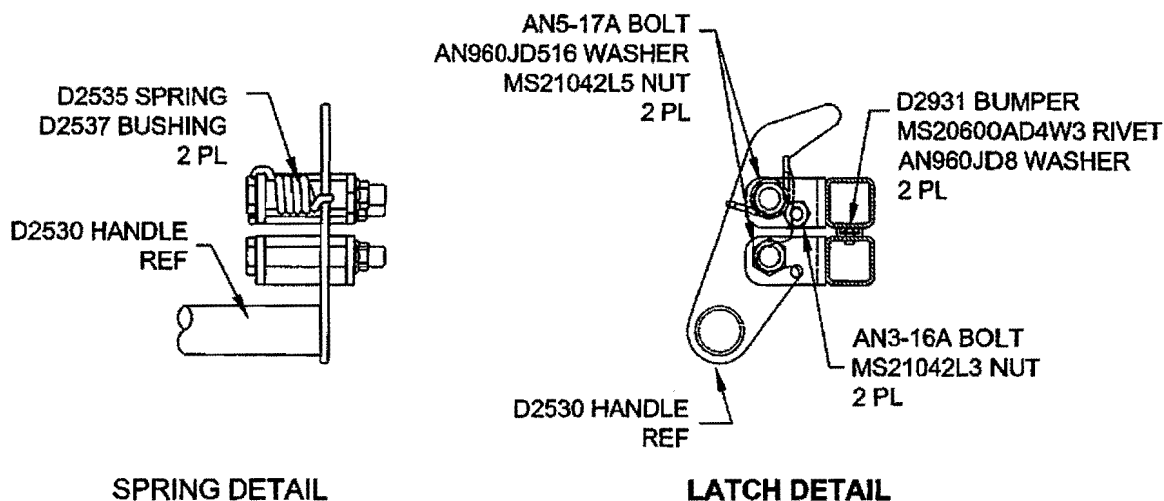
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

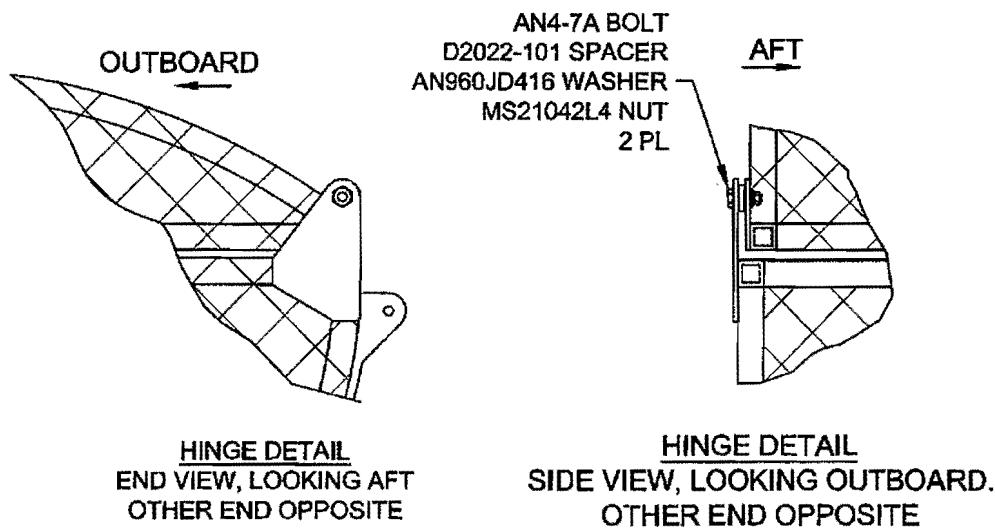
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



DETAIL J:  
HANDLE WELDMENT

#69067



DETAIL H:  
HINGE

**Figure 7 – Basket Replacement Parts**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries